GRSM8000

64GB and 128GB ECC DIMM Upgrade Kits

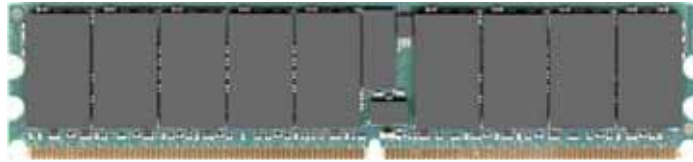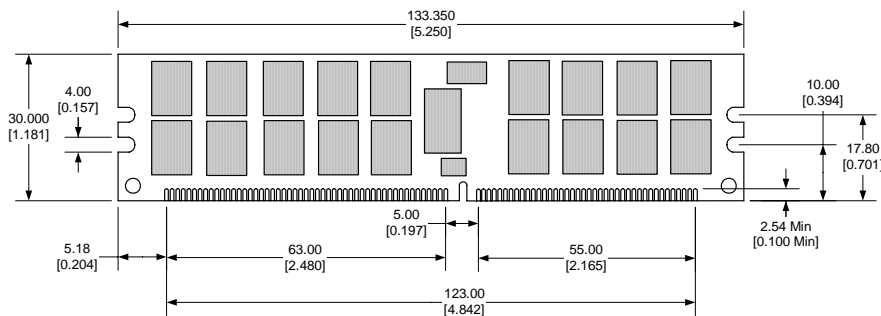**DATARAM** Optimizing Value and Performance

Products in Family

GRSM8000/64GB (16 x 4GB 2R DIMMs)
GRSM8000/128GB (16 x 8GB 2R DIMMs)

Features	Description
240-pin JEDEC-compliant DIMMs 133.35 mm wide by 30 mm high (1.20" x 5.25") Data Transfer Rate: 5.3 Gigabytes/sec Operating Voltage: 1.8 V ±0.1 Error Checking and Correction (ECC) bits Supports Intel SDDC and Chipkill Advanced ECC Features Fully RoHS Compliant	Each GRSM8000 upgrade consists of a matched set of sixteen DDR2-667 PC2-5300 Registered DIMMs with address/command parity functionality. One 2K-bit EEPROM is used for Serial Presence Detect.

Dataram Product	Sun Microsystems Product	Supported in these Sun Microsystems systems:
GRSM8000/64GB GRSM8000/128GB	SEMX2C1Z SEMX2D1Z	SPARC Enterprise M8000 and M9000 Servers

Front view

133.350 [5.250]
4.00 [0.157]
30.000 [1.181]
10.00 [0.394]
17.80 [0.701]
5.00 [0.197]
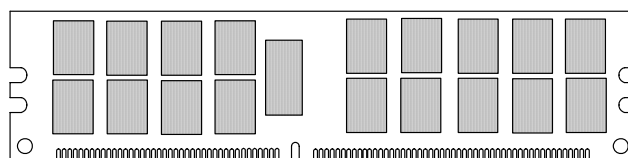2.54 Min [0.100 Min]
5.18 [0.204]
63.00 [2.480]
55.00 [2.165]
123.00 [4.842]

Notes

Tolerances on all dimensions except where otherwise indicated are ±.13 (.005).

All dimensions are expressed in millimeters [inches]

Back view

Side view

3.94 Max [0.155] Max
4.00 Min [0.157] Min
1.27 ±.10 [0.0500 ±0.0040]